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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Allison Hubel

Examiner: Peselev, Elli

Patent No.: 7,112,576

Group Art Unit: 1623

Issue Date: September 26, 2006

Docket No: 600.451US1

Title: COMPOSITIONS AND METHODS FOR CRYOPRESERVATION OF PERIPHERAL BLOOD
LYMPHOCYTES

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTN: CERTIFICATE OF CORRECTION BRANCH

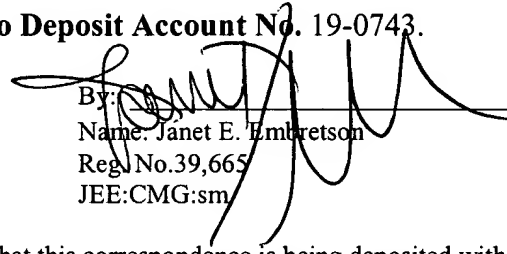
Certificate
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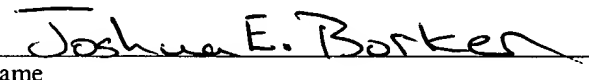
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- ☒ Certificate of Correction Form - PTO-1050 (in duplicate)
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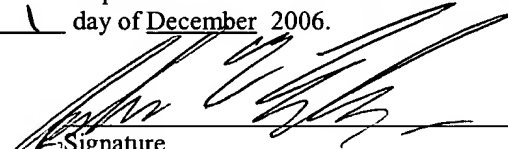
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SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
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Name: Janet E. Embretson
Reg. No. 39,665
JEE:CMG:sm

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Patent 7,112,576

PATENT

IN UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,112,576

Docket No: 600.451US1

Issue Date: September 26, 2006

Patentee: Allison Hubel

Customer No.: 21186

Confirmation No.: 9374

Title COMPOSITIONS AND METHODS FOR CRYOPRESERVATION OF PERIPHERAL
BLOOD LYMPHOCYTES

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
ATTN: CERTIFICATE OF CORRECTION BRANCH

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

Pursuant to 1.20(a), enclosed please find a check in the amount of \$100.00.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims as properly allowed, and re-examination is not required.

The Examiner is authorized to charge any additional fees or credit overpayment to Deposit Account No.19-0743.

Respectfully Submitted

ALLISON HUBEL

By ^{heh} ~~his~~ Representatives,

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 373-6900

Date :

November 28, 2006

By:

Janet E. Emmertson
Reg. No: 30,665
JEE:sm

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UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 7,112,576

Page (1) of 4

DATED : September 26, 2006

INVENTOR(S) : Hubel

It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

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On the face page, in field (56), under "Other Publications", in column 2, line 20, delete "Stroneck," and insert - - Stroncek, - -, therefor.

On the face page, in field (56), under "Other Publications", in column 2, line 34, delete "Cyropreservation," and insert - - Cryopreservation", - -, therefor.

On the face page, in field (56), under "Other Publications", in column 2, line 48, delete "Eletrolyte" and insert - - Electrolyte - -, therefor.

On page 2, in field (56), under "Other Publications", in column 1, line 13, delete "Hematotherapy," and insert - - Hematotherapy, - -, therefor.

On page 2, in field (56), under "Other Publications", in column 1, line 24, delete "chemo-radiotherapy" and insert - - chemo-radiotherapy - -, therefor.

On page 2, in field (56), under "Other Publicaitons", in column 1, line 36, after "donor" insert - - , - -.

MAILING ADDRESS OF SENDER:

SCHWEGMAN, LUNDBERG, WOESSNER, & KLUTH, P.A.
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Minneapolis, MN 55402

Atty Docket No: 600.451US1

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"Granuloucyte" and insert - - Granulocyte - -, therefor.

On page 2, in field (56), under "Other Publications", in column 1, line 47, delete
"CD34+Results"," and insert - - CD34+ Results", - -, therefor.

On page 2, in field (56), under "Other Publications", in column 1, line 48, delete
"Infusionether" and insert - - Infusionsther - -, therefor.

On page 2, in field (56), under "Other Publications", in column 1, line 52, delete
"Hermat.," and insert - - Hemat., - -, therefor.

On page 2, in field (56), under "Other publications", in column 1, line 54, delete
"Haemopoietic" and insert - - Hematopoietic - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 12, delete "degree" and
insert - - Degree - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 17, delete
"Hematotherapy," and insert - - Hematotherapy, - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 27, delete
"haemopoietic" and insert - - hematopoietic - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 28, delete "bolld," and
insert - - blood, - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 31, delete
"Society" and insert - - Society - -, therefor.

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On page 2, in field (56), under "Other Publications", in column 2, line 54, delete "CD34+Cell" and insert - - CD34+ Cell - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 59, delete "Clony" and insert - - Colony - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 63, delete "degree" and insert - - Degree - -, therefor.

On page 2, in field (56), under "Other Publications", in column 2, line 64, delete "Hermatology," and insert - - Hematology, - -, therefor.

On sheet 3 of 3, in fig. 4, line 1, delete "B(°C/min)" and insert - - B(°C./min) - -, therefor.

In column 1, line 36, delete "melanomal" and insert - - melanoma - -, therefor.

In column 5, line 58, delete "methycellulose." and insert - - methylcellulose. - -, therefor.

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Page (4) of 4

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It is certified that errors appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In column 11, line 36, delete "hydroxyethyl" and insert - - hydroxyethyl - -, therefor.

In column 16, line 48, delete "(DNase," and insert - - (DNase, - -, therefor.

In column 20, line 63, delete "R TM" and insert - - R TM - -, therefor.

In column 23, line 27, delete "posthaw" and insert - - postthaw - -, therefor.

In column 23, line 33, after "(1998)" insert - - . - -.

In column 23, line 40, delete "216," and insert - - 276, - -, therefor.

In column 23, line 62, delete "1,233. (1992)" and insert - - 1, 233 (1992). - -, therefor.

In column 25, line 2, in Claim 14, after "arabinogalactan" delete "or a".

In column 25, line 3, in Claim 14, after "thereof" insert - - , - -.

In column 25, line 62, in Claim 28, after "are" insert - - activated or genetically - -.

In column 25, line 64, in Claim 28, after "serum," delete "and".

In column 25, line 67, in Claim 28, after "solution" delete "." and insert - - and wherein the arabinogalactan, biological or functional equivalent thereof, results in a high post-thaw survival rate for the freshly isolated lymphocytes, hematopoietic stem cells, or lymphocytes which are activated or genetically modified ex vivo. - -, therefor.

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